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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/17 (09-00)

<h1 style="text-align: center;">FEE TRANSMITTAL</h1> <h2 style="text-align: center;">for FY 2001</h2> <p style="text-align: center;"><i>Patent fees are subject to annual revision.</i></p>		Complete if Known		
		Application Number	Not yet assigned	
		Filing Date	Herewith	
		First Named Inventor	James E. Amonette	
		Examiner Name	Not yet assigned	
TOTAL AMOUNT OF PAYMENT (\$)		503	Attorney Docket No.	

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																	
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: 02-1275</p> <p>Deposit Account Name: Battelle Memorial Institute - PND</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Small Entity Fee Code</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td></tr> </tbody> </table>		Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	139	130	139	130	Non-English specification	147	2,520	147	2,520	For filing a request for ex parte reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	390	216	195	Extension for reply within second month	117	890	217	445	Extension for reply within third month	118	1,390	218	695	Extension for reply within fourth month	128	1,890	228	945	Extension for reply within fifth month	119	310	219	155	Notice of Appeal	120	310	220	155	Filing a brief in support of an appeal	121	270	221	135	Request for oral hearing	138	1,510	138	1,510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1,240	241	620	Petition to revive - unintentional	142	1,240	242	620	Utility issue fee (or reissue)	143	440	243	220	Design issue fee	144	600	244	300	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Petitions related to provisional applications	126	240	126	240	Submission of Information Disclosure Stmt	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	179	710	279	355	Request for Continued Examination (RCE)	169	900	169	900	Request for expedited examination of a design application
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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Stephen R. May	Registration No. (Attorney/Agent)	29,255
Signature	<i>Stephen R. May</i>	Telephone	509 375-2387
		Date	Dec 20, 2000

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Parameter	Value	Unit
Temperature	25	°C
Humidity	50	%
Light intensity	100	μmol photons m ⁻² s ⁻¹
CO ₂ concentration	400	ppm
Water potential	-0.1	MPa
Stomatal conductance	0.1	mol m ⁻² s ⁻¹
Transpiration rate	1.0	mmol m ⁻² s ⁻¹
Photosynthetic rate	10.0	μmol CO ₂ m ⁻² s ⁻¹
Chlorophyll content	15	mg g ⁻¹
Protein content	2.0	mg g ⁻¹
Carbohydrate content	5.0	mg g ⁻¹
Antioxidant activity	1.0	μg Trolox g ⁻¹
Gene expression	1.0	fold change
Enzyme activity	1.0	U g ⁻¹
Cellular pH	7.0	
Membrane potential	-50	mV
Calcium concentration	1.0	μM
Magnesium concentration	1.0	μM
Potassium concentration	1.0	μM
Sodium concentration	1.0	μM
Iron concentration	1.0	μM
Zinc concentration	1.0	μM
Copper concentration	1.0	μM
Manganese concentration	1.0	μM
Nickel concentration	1.0	μM
Vanadium concentration	1.0	μM
Chromium concentration	1.0	μM
Molybdenum concentration	1.0	μM
Selenium concentration	1.0	μM
Fluorine concentration	1.0	μM
Boron concentration	1.0	μM
Strontium concentration	1.0	μM
Barium concentration	1.0	μM
Lead concentration	1.0	μM
Mercury concentration	1.0	μM
Cadmium concentration	1.0	μM
Cobalt concentration	1.0	μM
Niobium concentration	1.0	μM
Antimony concentration	1.0	μM
Thallium concentration	1.0	μM
Plutonium concentration	1.0	μM
Americium concentration	1.0	μM
Curium concentration	1.0	μM
Berkelium concentration	1.0	μM
Californium concentration	1.0	μM
Einsteinium concentration	1.0	μM
Fermium concentration	1.0	μM
Mendelevium concentration	1.0	μM
Nobelium concentration	1.0	μM
Lanthanum concentration	1.0	μM
Cerium concentration	1.0	μM
Praseodymium concentration	1.0	μM
Neodymium concentration	1.0	μM
Europium concentration	1.0	μM
Gadolinium concentration	1.0	μM
Terbium concentration	1.0	μM
Dysprosium concentration	1.0	μM
Ytterbium concentration	1.0	μM
Lutetium concentration	1.0	μM
Hafnium concentration	1.0	μM
Tantalum concentration	1.0	μM
Tungsten concentration	1.0	μM
Rhenium concentration	1.0	μM
Osmium concentration	1.0	μM
Iridium concentration	1.0	μM
Palladium concentration	1.0	μM
Silver concentration	1.0	μM
Cadmium concentration	1.0	μM
Indium concentration	1.0	μM
Thallium concentration	1.0	μM
Lead concentration	1.0	μM
Bismuth concentration	1.0	μM
Polonium concentration	1.0	μM
Astatine concentration	1.0	μM
Radon concentration	1.0	μM
Francium concentration	1.0	μM
Radium concentration	1.0	μM
Actinium concentration	1.0	μM
Thorium concentration	1.0	μM
Protactinium concentration	1.0	μM
Uranium concentration	1.0	μM
Niobium concentration	1.0	μM
Molybdenum concentration	1.0	μM
Technetium concentration	1.0	μM
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